## LIST OF CLAIMS

1. (Previously Presented) A heat-developable image-recording material comprising on a support:

a silver-supplying layer comprising an organic silver salt, a reducing agent, an organic binder and photosensitive silver halide in an amount that is 10 wt% or less of a coated amount of photosensitive silver halide in a separate photosensitive layer; and

said separate photosensitive layer comprising a photosensitive silver halide and no organic silver salt;

the heat-developable image-recording material further containing an electron-transfer agent.

- 2. (Original) The heat-developable image-recording material according to Claim 1 wherein the organic binder is formed from a polymer latex dispersed in an aqueous medium.
- 3. (Original) The heat-developable image-recording material according to Claim 2, wherein the reducing agent has been incorporated in the form of microparticles dispersed as a solid in an aqueous medium.

- 4. (Original) The heat-developable image-recording material according to Claim 2, wherein the silver-supplying layer contains a halogen precursor.
- 5. (Original) The heat-developable image-recording material according to Claim 3, wherein the silver-supplying layer contains a halogen precursor.
- 6. (Original) The heat developable image-recording material according to Claim 4, wherein the halogen precursor has been incorporated in the form of microparticles dispersed as a solid in an aqueous medium.
- 7. (Original) The heat-developable image-recording material according to Claim 5, wherein the halogen precursor has been incorporated in the form of microparticles dispersed as a solid in an aqueous medium.
- 8. (Original) The heat-developable image-recording material according to Claim 1, wherein the electron-transfer agent is a compound selected from the group consisting of hydrazine derivatives, alkene derivatives, isooxazole derivatives and acetal compounds.

- 9. (Original) The heat-developable image-recording material according to Claim 2, wherein the electron-transfer agent is a compound selected from the group consisting of hydrazine derivatives, alkene derivatives, isooxazole derivatives and acetal compounds.
- 10. (Original) The heat developable image-recording material according to Claim 1, wherein the electron-transfer agent is a hydrazine derivative represented by the general formula below:

$$R_{02}$$
-N-N- $G_1$ - $R_{01}$ 
 $A_1$   $A_2$ 
(1)

wherein  $R_{02}$  denotes an aliphatic group or an aromatic group,  $R_{01}$  denotes hydrogen, alkyl, aryl, an unsaturated heterocyclic group, alkoxy, aryoxy, amino or hydrazino,  $G_1$  denotes -CO-, -SO<sub>2</sub>-, -SO-, -P(O)-, -R<sub>03</sub>P(O)-, -COCO-, thionylcarbony or iminomethylene, and  $A_1$  and  $A_2$  independently denote hydrogen, or substituted or unsubstituted alkylsulfonyl and  $R_{03}$  is chosen from the groups defined for  $R_{01}$  and may be the same as or different from  $R_{01}$ .

11. (Original) The heat-developable image-recording material according to Claim 2, wherein the electron-transfer agent is a compound selected from the group consisting of substituted alkene

Appl. No. 09/767,952

derivatives, substituted isoxazole derivatives and acetal compounds represented by the following general formulae (3) to (5)

wherein general formula (3)  $R_1$ ,  $R_2$  and  $R_3$  independently denote hydrogen or a substituent, and Z denotes an electron withdrawing group or a silyl group, in general formula (3),  $R_1$  and Z,  $R_2$  and Z, and Z and Z may be bonded together to form a cyclic structure, in general formula (4), Z0 denotes a substituent, in general formula (5), Z1 and Z3 independently represent hydrogen or a substituent; Z3 and Z4 independently denote alkoxy, alkylthio, alkylamino, aryloxy, arylthio, anilino, heterocyclic oxy, heterocyclic thio or heterocyclic amino, and in general formula (5), Z3 and Z4 and Z5 may be bonded together to form a cyclic structure.

## 12-16. (Canceled)

17. (Previously Presented) The heat-developable imagerecording material according to claim 1, wherein a coated amount of

Appl. No. 09/767,952

photosensitive silver halide in the silver-supplying layer is 1 wt% or less of a coated amount of photosensitive silver halide in the photosensitive layer.

18. (Previously Presented) The heat-developable imagerecording material according to claim 1, wherein the silversupplying layer contains no photosensitive silver halide.

## 19. (Canceled)

20. (Previously Presented) The heat-developable image recording material of claim 1, wherein the coated amount of the photosensitive silver halide in the separate photosensitive layer is from  $0.01~g/m^2$  to  $5.0~g/m^2$ .